

PM 23

34704-124

7-31-96

145

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) EPA United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460 Application for Pesticide:	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number 193505
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Section I

1. Company/Product Number 34704-124	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Clean Crop® Low Vol-4 Ester Weed Killer	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Platte Chemical Company Send Correspondence To: 150 South Main Street P. O. Box 667 Fremont, NE 68025-5697 Greeley, CO 80632-0667 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section II

<input checked="" type="checkbox"/> Amendment - Explain Below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input type="checkbox"/> Notification - Explain below	<input type="checkbox"/> Other - explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II).

Delete "drainage ditchbanks" in response to 2,4-D 2-Ethylhexyl Ester Generic Data Exemption Revocation as per EPA letter dated June 30, 1996.

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	*Certification must be submitted.	
	If "Yes," Unit Package Wt. No. Per Container	If "Yes," Package Wt. No. Per Container		
Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other (_____) <input type="checkbox"/> Paper Glued <input type="checkbox"/> Stenciled				

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name William M. Mahlburg	Title Registration Manager	Telephone No. (Include Area Code) (970) 356-4400
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>William M. Mahlburg</i>	3. Title Registration Manager	
4. Typed Name William M. Mahlburg	5. Date 7/26/96	

NOT REVIEWED

In Accordance with PR Notice 82-2,
Based on Draft Labeling Dated



LOW VOL 4

ESTER WEED KILLER

Low volatile emulsifiable formulation for control of broadleaf weeds in corn, wheat, barley, rye, oats, sorghum, and non-crop areas.

ACTIVE INGREDIENT:

Isooctyl (2-ethylhexyl) ester of 2,4-Dichlorophenoxyacetic acid	65.5%*
INERT INGREDIENTS	34.5%
TOTAL	100.0%

*Isomer specific by AOAC Method No. 6.275-6.279 (13th Ed.)
*Equivalent to 43.4% 2,4-D acid or 3.8 pounds per gallon.

USER SAFETY RECOMMENDATIONS

Users should:
Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

Groundwater Contamination:

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Do not contaminate irrigation ditches or water used for domestic purposes. Use care to avoid spray contact or drift to 2,4-D susceptible plants such as cotton, tomatoes, flowers, grapes, fruit trees and ornamentals. Do not permit spray mist containing LOW VOL 4 to drift on them, since even very small quantities of the spray, which may not be visible, can cause severe injury during both growing and dormant periods. Do not spray when the wind is blowing towards susceptible crops or ornamental plants. Use coarse sprays to minimize drift. With ground equipment spray drift can be lessened by keeping the spray boom as low as possible; by applying 20 gallons or more of spray per acre; by using no more than 20 pounds spraying pressure with flat fan or flooding flat fan nozzle tips; by spraying when wind velocity is low; and by stopping all spraying when wind exceeds 6 to 7 miles per hour. Do not apply with hollow cone-type insecticide or other nozzles that produce a fine droplet spray. With aircraft application, apply 1 to 5 gallons of spray per acre; by using no more than 20 pounds pressure at the nozzles; by using nozzles which produce a coarse spray pattern, and by spraying only when the wind velocity is less than 5 miles per hour. Although this product is much less volatile than butyl or isopropyl esters, at high temperatures (above 95°F.) vapors from this product may injure susceptible plants growing nearby. Do not use in a greenhouse. Flush sprayer out on suitable non-crop area after use. Do not use the same spray equipment for applying other materials to 2,4-D susceptible crops as injury may result.

KEEP OUT OF REACH OF CHILDREN CAUTION

(See Below For Additional Precautionary Statements)

EPA REG. NO. 34704-124
EPA EST. NO. 2737-KS-1 (Lot No. begins 10)
EPA EST. NO. 37507-MT-1 (Lot No. begins 04)
EPA EST. NO. 40706-ND-2 (Lot No. begins 35)
NET CONTENTS 2½ GALLONS (9.46 L)

09P94

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed.

Avoid breathing vapors or spray mist.
Avoid contact with skin, eyes or clothing. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

Personal Protective Equipment:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on the EPA chemical resistance category selection chart.

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene or viton, shoes plus socks and protective eyewear.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

For containers over 1 gallon and less than 5 gallons in capacity: Mixers and loaders who do not use a mechanical system (probe and pump) to transfer the contents of this container must wear coveralls or a chemical-resistant apron in addition to other required PPE.

Engineering controls statements:

When handlers use enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (5-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

For containers of 5 gallons or more in capacity: A mechanical system (probe and pump) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal. If the mechanical system is used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4)], the handler PPE requirements may be reduced or modified as specified in the WPS.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

CURRENT LABEL SHOWING DELETIONS

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be made by applicators experienced in the use of 2,4-D formulations. Regulations governing aerial application of herbicides are in effect in many states. Consult local regulatory agencies concerning requirements before making applications.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical-resistant gloves, such as: barrier laminate, nitrile rubber, neoprene or viton, shoes plus socks and protective eyewear.

Do not apply this product through any type of irrigation system.

Treating Small Areas: Two tablespoonfuls of LOW VOL 4 in 1 1/2 gallons of water is about equal to 1 1/2 quarts in 100 gallons.

TO PREPARE THE SPRAY: (1) Fill the spray tank about half full with water, then add the required amount of LOW VOL 4 with agitation, and finally the rest of the water. **NOTE:** LOW VOL 4 in water forms an emulsion which tends to separate unless the mixture is kept agitated. (2) If oil is added, first mix the LOW VOL 4 and the oil and then add this mixture to the water. However, with adequate agitation, the oil can be added after the LOW VOL 4 is mixed in the water. (3) If straight oil is used, a solution is formed and separation does not occur. Do not allow any water to get into the oil-herbicide mixture to avoid formation of an invert emulsion.

TIME OF APPLICATION: Best results are obtained when LOW VOL 4 is used on young weeds that are actively growing. Applications of lower recommended rates to susceptible annual weeds usually will be satisfactory, but for perennial weeds and other conditions, such as in very dry areas where kill is difficult, use higher recommended rates. When used as a selective spray on crops, the stage of growth of the crop must be considered. Some woody plants and weeds are hard to kill and repeat applications may be necessary.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly.

STORAGE: Do not store below temperature of 0°F. If frozen, warm to 45°F, and redissolve before using by rolling or shaking the container. Store in safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. **Plastic:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, burning. If burned, stay out of smoke.

SMALL GRAINS:

Spring Wheat and Barley: Apply 1/2 to 1 pint per acre. Spray when grain is in full tiller stage (usually 4 to 8 inches tall) but before the boot stage and when weeds are small. Do not apply before the tiller stage nor from early boot to the dough stage. Higher rates, up to 2 pints per acre, may be needed to handle difficult weed problems in certain areas such as under dry conditions especially in western areas. However, do not use unless possible crop injury will be acceptable.

Winter Wheat and Rye: Apply 1/2 to 1 pint per acre in the spring at full tiller stage but before the early boot stage.

Spring Seeded Oats: Apply 1/2 pint per acre at the full tiller stage but before the early boot stage. Oats are less tolerant to 2,4-D than wheat or barley and are more likely to suffer some injury.

Fall Seeded Oats (Southern) Grown for Grain: Apply 3/4 to 1 1/2 pints per acre after full tillering but before the early boot stage. Some difficult weeds may require higher rates for maximum control but crop injury may result. Do not spray during or immediately following cold weather.

NOTE: Do not permit dairy animals or meat animals being finished for slaughter to forage or graze treated grain fields within 2 weeks after treatment.

GENERAL INFORMATION

LOW VOL 4 is recommended for control of numerous broadleaf weeds and certain 2,4-D susceptible woody plants without injury to most established grasses. Species controlled include the following, plus many others:

beggarticks	jimsonweed	sand shinneryoak
bitterweed	lambquarter	sheepspur
bluweed, Texas	loco, bigbend	sicklepod
broomweed	mallow, Venice	smartweed
buckbrush	manzanita	sneezeweed, bitter
burdock	marshelder	sowthistle, annual
burhead	milkvetch	spanishneedles
carpetweed	momingglory,	sumac
catnip	annual	sunflower
chamise	mustards	sweetclover
chicory	netties	tansymustard
cocklebur	onion, wild	tansyragwort
coffeeweed	pennycress	thistle, bull
cornflower	pepperweed, field	thistle, musk
coyote brush	pigweed	thistle, Russian
croton	plantains	tumbleweed
dandelion	poorjoe	velvetleaf
docks	rabbitbrush	vervain
dogfennel	radish, wild	vetch
elderberry	ragweed	water plantain
fanweed	rape, wild	willow
galinsoga	redstem	witchweed
garlic, wild	sage, coastal	wormwood
goatsbeard	sagebrush, big	yellow rocket
hemp, wild	sagebrush, sand	yellow starthistle
jewelweed	salsify	

NOTE: Local conditions, crop varieties and application regulations vary and may affect use of this herbicide. Consult local agricultural experiment station or extension service weed specialists and state regulatory agencies for recommendations in your area.

Aerial applications may be of use for control of weeds on certain crops where there would be no danger of drift to susceptible crops. Applications should only

Preharvest Treatment: Apply 1 to 2 pints per acre when grains are in the hard dough stage to control large weeds that may interfere with harvest. Best results will be obtained when soil moisture is sufficient to cause succulent weed growth. **NOTE:** Do not feed treated straw to livestock.

CORN: Preemergence-Use LOW VOL 4 in sufficient water for uniform coverage. Best results are obtained when applied 3 to 5 days after planting, but before corn emerges. Do not apply to light, sandy soils.

Postemergence-Apply LOW VOL 4 from emergence to tasseling. When spraying corn above 10 inches in height, use nozzle extensions ("corn drops"), directing the spray at base of the corn plant to keep the spray off the leaves as much as possible. Do not apply from tassel emergence to dough stage. Crop injury is more likely to occur if corn is growing rapidly under high temperature and high soil moisture conditions. Under such conditions, use the lowest recommended rates. Delay cultivation for 8 to 10 days after application to reduce stalk breakage resulting from temporary brittleness caused by 2,4-D. Hybrids vary in tolerance to 2,4-D. Consult local agricultural experiment station or extension service weed specialists regarding the use of 2,4-D on your specific hybrid. See chart for recommended rates.

Crop (See Detailed Directions Above)	Amount of LOW VOL 4 Per Acre	
	For Average Conditions	For Dry Conditions as in Western States*
Com**		
Preemergence	2 to 4 pints	
Postemergence	1/2 pint	1/2 to 3/4 pint

* Arizona, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming, Kansas, Colorado & Western Nebraska.

** If only rows or bands are treated, leaving middles unsprayed, reduce dosage rate per crop acre proportionate to the ground area actually sprayed.

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SORGHUM (MILO): Apply 1/2 pint per acre when sorghum is 5 to 15 inches tall. A higher rate of 3/4 to 1 pint per acre may be needed to control some weeds but the chance for crop injury is likewise increased. Do not use with oil. Do not treat before the sorghum is 5 inches tall nor during the boot, flowering or early dough stages. If sorghum is taller than 8 inches, use drop nozzles to keep the spray off the foliage, as much as possible. Temporary crop injury may occur under conditions of high soil moisture and high air temperatures. Varieties vary in tolerance to 2,4-D and some hybrids are quite sensitive. Spray only varieties known to be tolerant to 2,4-D. Contact seed company and Extension Service authorities for this information.

FOR USE IN CROP RESIDUE MANAGEMENT SYSTEMS IN SOYBEANS (Preplant only):

General Information

LOW VOL 4 is a phenoxy-type herbicide that provides postemergence control of many susceptible annual and perennial broadleaf weeds. LOW VOL 4 may be applied prior to planting soybeans to provide foliar burndown control of susceptible annual and perennial broadleaf weeds and certain broadleaf cover crops such as those listed on this label. LOW VOL 4 should only be applied preplant to soybeans in situations such as reduced tillage production systems, where emerged weeds are present. Apply only according to the application instructions given below. Do not use any tillage operations between application of LOW VOL 4 and planting of soybeans.

Mixing Instructions

Compatible crop oil concentrates, agricultural surfactants and fluid fertilizers approved for use on growing crops may increase the herbicidal effectiveness of LOW VOL 4 on certain weeds and may be added to the spray tank. Read and follow all directions and precautions on this label and on the label of each product added to the spray mixture.

Application Procedures

Apply using air or ground equipment in sufficient gallonage to obtain adequate coverage of weeds. Use 2 or more gallons of water per acre in aerial equipment and 10 or more gallons of spray mixture per acre for ground equipment.

Application Timing And Use Rates

Maximum Rate Per Acre	When to Apply (Days prior to planting soybeans)
1 pint	NOT LESS THAN 7 DAYS
2 pints	NOT LESS THAN 30 DAYS

Weeds Controlled

alfalfa*	garlic, wild*	purslane, common
binoweed*	horseweed or mare's tail	ragweed, common
bullnettle	ironweed	ragweed, giant
bittercress, smallflowered	lambsquarters, common	shepherdspurse
buttercup, smallflowered	lettuce, prickly	smartweed, Pennsylvania*
Carolina geranium	morningglory, annual	sowthistle, annual
cinquefoil, common	mousetail	speedwell
and rough	mustard, wild	thisle, Canada*
clover, red*	onion, wild*	thisle, bull
cocklebur, common	pennycress, field	velvetleaf
dandelion*	peppercress*	velva, hairy*
dock, curly*	plantains	Virginia copperleaf
eveningprimrose, cutleaf		

*These species are only partially controlled.

In general, weeds should be small, actively growing and free of stress caused by extremes in climatic conditions, diseases, or insect damage at the time of treatment. The response of individual weed species to LOW VOL 4 is variable. Consult your local county or state Agricultural Extension Service or crop consultant for advice.

Application Restrictions And Precautions

Important Notice: Unacceptable injury to soybeans planted in fields previously treated with LOW VOL 4 may occur. Whether or not soybean injury occurs and the extent of the injury will depend on weather (temperature and rainfall) from herbicide application until soybean emergence and agronomic factors such as the amount of weed vegetation and previous crop residue present. Injury is more likely under cool rainy conditions and where there is less weed vegetation and crop residue present at the time of application. Do not apply LOW VOL 4 as described on this label unless you are prepared to accept soybean injury, including loss of stand and yield.

Apply a maximum of one application per growing season regardless of the treatment rate.

Do not use on sandy soils with less than 1% organic matter.

Do not replant fields treated with LOW VOL 4 in the same growing season with crops other than those labeled for use with LOW VOL 4.

Do not apply LOW VOL 4 when weather conditions such as temperature air inversions or wind favor drift from treated areas to susceptible plants.

Livestock Grazing Restriction: Do not feed hay, forage or fodder. Restrict livestock from grazing treated fields. Livestock should be restricted from feeding/grazing of treated cover crops.

In fields previously treated with LOW VOL 4, plant soybean seed as deep as practical or at least 1 inch deep. Adjust the planter, if necessary, to ensure that planted seed is completely covered.

GRASS SEED CROPS: Use 1 to 1 1/2 pints per acre in the amount of water required for uniform applications by air or ground equipment. Apply to established stands in spring from the tiller to early boot stage. Do not spray in boot stage. New spring seedlings may be treated with the lower rate after the grasses have at least five leaves. Perennial weed regrowth may be treated in the fall.

Do not graze dairy animals on treated areas within 7 days after application. Do not graze meat animals on treated areas within 3 days before slaughter. Do not cut treated grass for hay within 30 days after application.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. **USE REQUIREMENTS FOR PASTURE, RANGELAND AND NON-CROP AREAS OTHER THAN TURF:** Do not enter treatment areas until spray has dried or dust has settled. For early entry to treatment areas, wear eye protection, chemical resistant gloves, long sleeved shirt, long pants, socks and shoes.

TURF USE REQUIREMENTS: Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

NOTE: For application to turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes, follow AGRICULTURAL USE REQUIREMENTS on this label.

RANGELAND AND GRASS PASTURES: NOTE: Do not graze dairy animals on treated areas within 7 days after application. Do not graze meat animals on treated areas within 3 days before slaughter. Do not cut treated grass for hay within 30 days after application. Do not use on bentgrasses, alfalfa, clover or other legumes or on newly seeded pastures. Do not apply after heading begins or when grass is in the boot to milk stage where grass seed production is desired.

Bitterweed, Broomweed, Croton, Docks, Marshelder, Muskthistle and Other Broadleaf Weeds: Use 4 pints of LOW VOL 4 per acre in the amount of water needed for uniform application. If the weeds are young and growing actively, 2 pints per acre will provide control of some species. Deep-rooted perennial weeds may require repeated treatments in the same year or in subsequent years.

Wild Garlic and Wild Onion: Apply 4 pints per acre, making three applications (fall-spring-fall or spring-fall-spring) starting in late fall or early spring.

Weed Control in Newly Sprigged Coastal Bermudagrass: Apply 2 to 4 pints per acre preemergence and/or postemergence.

Sand Shinnery Oak and Sand Sagebrush: On the oak, use 2 pints in 5 gallons of oil or in 4 gallons of water plus 1 gallon of oil per acre. Apply by aircraft between May 15 and June 15. On the sagebrush, use 2 pints in 3 gallons of oil per acre and apply by aircraft when foliage is fully expanded and the brush is actively growing.

Big Sagebrush and Rabbitbrush: Use 4 pints per acre in 2 to 3 gallons of oil or in 3 to 5 gallons of oil-water emulsion spray. Brush should be leafed out and growing actively when treated. Retreatment may be needed.

Chamisa, Manzanita, Buckbrush, Coastal Sage, Coyotebrush and Certain Other Chaparral Species: Use 4 pints per acre in 5 to 10 gallons of water. One gallon of fuel oil may be included in the spray mixture for added effectiveness. Make applications by aircraft or ground equipment to obtain uniform spray coverage. For effective control, the brush must be fully leafed out and growing actively when sprayed. Retreatment may be needed.

Woody Plant Control: To control 2,4-D susceptible woody plants such as alder, buckbrush, elderberry, sumac and willow on non-crop land use 2 to 3 quarts LOW VOL 4 in 100 gallons of water. Wet thoroughly all parts of the plants including foliage and stems, to the point of run-off. Higher volumes are necessary where the brush is very dense and over 6 to 8 feet high. Applications are more effective when applied to actively growing plants. Do not treat during periods of severe drought or in early fall when leaves have lost their healthy green color. Hard-to-kill species may need retreatment the following season. **NON-CROP AREAS SUCH AS ORNAMENTAL TURF, GOLF COURSES, CEMETERIES, PARKS, ROADSIDES, VACANT LOTS, DRAINAGE DITCH BANKS:** Apply 2 to 4 pints of LOW VOL 4 per acre in the amount of water needed for uniform application. Treat when weeds are young and growing well. Do not use on creeping grasses such as bent and St. Augustine except

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for spot treating, nor on newly seeded turf until grass is well established. Reseeding of treated areas should be delayed following treatment. With spring application, reseed in the fall; with fall application, reseed in the spring. Legumes are usually damaged or killed so do not treat areas where the legumes are desired. Deep-rooted perennial weeds may require repeated treatments in the same season or in subsequent years. For turf, the maximum number of broadcast applications per treatment site is 2 per year.

TULE (BULRUSH) AND OTHER RUSHES: Mix 4 pints of LOW VOL 4 and 1 gallon of diesel oil or kerosene, then add this mixture to 100 gallons of water. Spray to wet all foliage (400-800 gallons per acre). Addition of a wetting agent may be advisable. Apply in the spring during flower head emergence. Respray if needed when regrowth is 3 to 5 feet tall.

GENERAL WEED CONTROL: Along fencerows, drainage ditchbanks, roadsides, industrial sites, around farm buildings and similar areas, use 1 to 2 quarts of LOW VOL 4 in 100 gallons of water per acre. Thoroughly wet all foliage to run-off.

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

NOT REVIEWED
In Accordance with FR Notice 02-2,
Based on Draft Labeling Dated

FORMULATED FOR
PLATTE CHEMICAL CO.

150 SO. MAIN STREET

FREMONT, NEBRASKA 68025-5697